

2/20/14

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 4767
Name: Ritchie Exploration, Inc.
Address 1: P.O. Box 783188
Address 2: _____
City: Wichita State: KS Zip: 67278 + 3188
Contact Person: John Niernberger
Phone: (316) 691-9500
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Mike Engelbrecht
Purchaser: _____

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:
Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

10/28/11	11/10/11	11/10/11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 057-20762-00-00
Spot Description: 90' N & 140' E
NW NE NE Sec. 16 Twp. 28 S. R. 22 East West
240 Feet from North / South Line of Section
850 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ford
Lease Name: Fravel-Fisher Well #: 1
Field Name: _____
Producing Formation: _____
Elevation: Ground: 2409 Kelly Bushing: 2420
Total Depth: 5210 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 361 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 17500 ppm Fluid volume: 1000 bbis
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. _____ E. _____
County: _____ Permit #: _____

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

AFFIDAVIT
I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.
Signature: _____
Title: Production Manager Date: 2/20/12

KCC Office Use ONLY
 Letter of Confidentiality Received
Date: 2/20/12 - 2/20/14
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NS Date: 2-24-12

Operator Name: Ritchie Exploration, Inc. Lease Name: Fravel-Fisher Well #: 1
 Sec. 16 Twp. 28 S. R. 22 East West County: Ford

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

SEE ATTACHED

List All E. Logs Run:
 Dual Induction Log
 Compensated Density/Neutron Log

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8	24	361	common	220	3% cc, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

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TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours: Oil Bbls. _____ Gas Mcf _____ Water Bbls. _____ Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: Vented Sold Used on Lease (If vented, Submit ACC-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. (Submit ACC-5) Commingled (Submit ACC-4) Other (Specify) _____

PRODUCTION INTERVAL: **CONFIDENTIAL**
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#1 Fravel-Fisher

240' FNL & 850' FEL

90' N & 140' E' of NW NE NE

Section 16-28S-22W

Ford County, Kansas

API# 15-057-20762-0000

Elevation: GL: 2409', KB: 2420'

Sample Tops

Anhydrite	1415'	+1005
B/Anhydrite	1457'	+963
Stotler	3553'	-1133
Heebner	4221'	-1801
Lansing	4364'	-1944
Stark	4696'	-2276
BKC	4778'	-2358
Marmaton	4826'	-2406
Pawnee	4906'	-2486
Cherokee Shale	4952'	-2532
Atoka Shale	5042'	-2622
Mississippian	5055'	-2635
RTD	5210'	-2790

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FEB 20 2014

KCC

ALLIED CEMENTING CO., LLC. 036497

REMIT TO P.O. BOX 21
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberal KS

DATE <u>10-29-11</u>	SEC. <u>16</u>	TWP. <u>28S</u>	RANGE <u>22W</u>	CALLED OUT	ON LOCATION	JOB START <u>6:45Am</u>	JOB FINISH <u>7:30Am</u>
LEASE <u>Fisher Favel</u>		WELL # <u>1</u>	LOCATION <u>Ver Ford KS.</u>		COUNTY <u>Ford</u>	STATE <u>K.S.</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>Duke #6</u> TYPE OF JOB <u>Surface</u> HOLE SIZE <u>17 1/4</u> T.D. <u>365</u> CASING SIZE <u>8 5/8</u> DEPTH <u>361 17</u> TUBING SIZE _____ DEPTH _____ DRILL PIPE _____ DEPTH _____ TOOL _____ DEPTH _____ PRES. MAX <u>500</u> MINIMUM <u>300</u> MEAS. LINE _____ SHOE JOINT <u>42.73</u> CEMENT LEFT IN CSG. <u>42.73 ft + 2.72 bbl</u> PERFS. _____ DISPLACEMENT _____	OWNER _____ CEMENT AMOUNT ORDERED <u>Class A 3% CC</u> <u>2% gel</u> COMMON <u>220 @ 16.25 3575.00</u> POZMIX _____ @ _____ GEL <u>4 @ 21.25 85.00</u> CHLORIDE <u>8 @ 58.20 465.60</u> ASC _____ @ _____ _____ @ _____ _____ @ _____ _____ @ _____ _____ @ _____ HANDLING <u>232 @ 2.25 522.00</u> MILEAGE _____ @ _____ TOTAL <u>6944.40</u>
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Kenney + Bob Smith</u> # <u>470-484</u> HELPER <u>Jose</u> BULK TRUCK # <u>457-251</u> DRIVER <u>Lenny</u> BULK TRUCK # _____ DRIVER _____	
REMARKS:	
<u>Circulated Cement to surface</u>	

CHARGE TO: Ritchie Exploration
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 3366.7 RECEIVED
FEB 22 2012

PLUG & FLOAT EQUIPMENT

DEPTH OF JOB _____ PUMP TRUCK CHARGE _____ EXTRA FOOTAGE <u>65 @ .95 61.75</u> MILEAGE <u>180 @ 7.00 1260.00</u> MANIFOLD <u>1 @ 200.00 200.00</u> Light + VMileage <u>180 @ 4.00 720.00</u>	<u>365 ft</u> <u>1125.00</u> <u>61.75</u> <u>1260.00</u> <u>200.00</u> <u>720.00</u>
TOTAL <u>396.00</u>	

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____
 SIGNATURE Scott A. Edwards

KCC WICHITA

TOTAL 8565.72

SALES TAX (If Any) _____
 TOTAL CHARGES \$10707.15 CONFIDENTIAL
 DISCOUNT 2141.43 IF PAID IN 30 DAYS
FEB 20 2014
KCC



ALLIED CEMENTING CO., LLC. 036504

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Liberel KS.

DATE <i>11-10-11</i>	SEC. <i>16</i>	TWP. <i>28s</i>	RANGE <i>22w</i>	CALLED OUT	ON LOCATION	JOB START <i>9:00 Am</i>	JOB FINISH <i>9:30 Am</i>
Fisher Lease <i>Fence</i>				LOCATION <i>Vee Ford KS.</i>		COUNTY <i>Ford</i>	STATE <i>KS.</i>
WELL # <i>1</i>							
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR *Duke #10* OWNER _____

TYPE OF JOB *PTA*

HOLE SIZE *7 7/8* T.D. _____

CASING SIZE *8518* DEPTH *361*

TUBING SIZE _____ DEPTH _____

DRILL PIPE *4 1/2* DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER *Kenny*

#*470-484* HELPER *Jose*

BULK TRUCK _____

#*456-239* DRIVER *Lenny*

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

THANK YOU!!!

CHARGE TO: *Ritchie Exploration*

STREET _____

CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE *[Signature]*

CEMENT

AMOUNT ORDERED *250 SK 60/40/42*

3 gal 1/4 # Flocead

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

Light weight 250 @ 14.50 3625.00

Flocead 62.5 @ 2.70 168.75

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING *252* @ *2.25* *567.00*

MILEAGE _____ *2494.80*

TOTAL *6855.55*

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ *1250.00*

EXTRA FOOTAGE _____ @ _____

MILEAGE *180* @ *7.00* *1260.00*

MANIFOLD _____ @ _____

Light V Mileage 180 @ 4.00 720.00

_____ @ _____

TOTAL *3230.00*

PLUG & FLOAT EQUIPMENT

N/A

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL *0*

SALES TAX (If Any) _____

TOTAL CHARGES *\$10085.55*

DISCOUNT *2017.11* IF PAID IN 30 DAYS

8068.44

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FEB 20 2014

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RECEIVED

FEB 22 2012

KCC WICHITA

[Handwritten mark]